

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventor(s) : Gilad LERMAN et al.  
Appln. Serial No. : 10/579,811  
Filed : May 16, 2006  
Entitled : SYSTEM, METHOD AND SOFTWARE ARRANGEMENT UTILIZING A MULTI-STRIP PROCEDURE THAT CAN BE APPLIED TO GENE CHARACTERIZATION USING DNA-ARRAY DATA  
Group Art Unit : 1631  
Examiner : Russell Scott Negin

Assistant Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT AND RESPONSE TO NON-FINAL OFFICE ACTION**

SIR:

This paper is filed in response to the Office Action dated March 5, 2009 and Office Communication dated April 29, 2009 for the above-identified application. Initially, please amend the application, and consider the remarks as provided below.

**In The Claims:**

Please amend claims 1, 5, 8, 13, 17, 20, 25, 29, 30, 32, 37 and 38, and add new claims 43-46 as indicated below in the associated claim listing provided on separate sheets: